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NOTICE OF ALLOWANCE AND FEE(S) DUE

24374

7590

07/23/2009

VOLPE AND KOENIG, P.C. DEPT. ICC UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 EXAMINER

VUONG, QUOCHIEN B

ART UNIT PAPER NUMBER

2618

DATE MAILED: 07/23/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,744	01/08/2004	Gary L. Sugar	COG-2-0977.02.US	1743

TITLE OF INVENTION: MULTIPLE-INPUT MULTIPLE-OUTPUT RADIO TRANSCEIVER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	10/23/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

appropriate. All further indicated unless correcte maintenance fee notifica	correspondence includired below or directed others.	ng the Patent, advance onerwise in Block 1, by (orders and notification of a a) specifying a new corre	maintenance fees v spondence address:	vill be ; and/or	mailed to the current (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for								
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 24374 7590 07/23/2009 VOLPE AND KOENIG, P.C. DEPT. ICC UNITED PLAZA, SUITE 1600				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.											
								30 SOUTH 17TI PHILADELPHI						(Depositor's name)	
									A, I A 17103						(Signature)
							(Date)								
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	t	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.								
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nonprovisional	YES	\$755	\$300	\$0		\$1055	10/23/2009								
EXAM	INER	ART UNIT	CLASS-SUBCLASS												
VUONG, QU	JOCHIEN B	2618	455-073000												
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON			or agents OR, alternati (2) the name of a sing registered attorney or 2 registered patent atto listed, no name will be	ame of a single firm (having as a member a lattorney or agent) and the names of up to ed patent attorneys or agents. If no name is name will be printed.											
recordation as set fort (A) NAME OF ASSIG	h in 37 CFR 3.11. Comp GNEE	oletion of this form is NO	data will appear on the pT a substitute for filing an (B) RESIDENCE: (CITY	assignment. Y and STATE OR C	COUNT	TRY)									
Please check the appropr	iate assignee category or	categories (will not be pi	rinted on the patent):	Individual 🖵 Co	orporati	on or other private gro	up entity Government								
4a. The following fee(s): Issue Fee	are submitted:	41	 b. Payment of Fee(s): (Plessed) A check is enclosed. 	ase first reapply a	ny prev	iously paid issue fee s	hown above)								
	No small entity discount p	permitted)	Payment by credit card. Form PTO-2038 is attached.												
	# of Copies		The Director is hereby overpayment, to Depo	v authorized to char	ge the	required fee(s), any def	iciency, or credit any extra copy of this form).								
5. Change in Entity Sta	*	· · · · · · · · · · · · · · · · · · ·	_				D 1 07()(0)								
NOTE: The Issue Fee an	s SMALL ENTITY stated d Publication Fee (if requestion)	uired) will not be accepte	b. Applicant is no loned from anyone other than												
interest as shown by the	records of the United Sta	tes Patent and Trademark	c Office.	·· F F, ·· 8-											
Authorized Signature				Date											
Typed or printed name				_											
This collection of inform an application. Confiden- submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	tiality is governed by 35 I application form to the lons for reducing this but Tirginia 22313-1450. DC	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the O NOT SEND FEES OR	on is required to obtain or 1.14. This collection is es y depending upon the indi- te Chief Information Offic COMPLETED FORMS T	retain a benefit by t timated to take 12 i vidual case. Any co er, U.S. Patent and O THIS ADDRESS	he publ minutes omment Traden S. SENI	ic which is to file (and to complete, including s on the amount of tim nark Office, U.S. Depa D TO: Commissioner fo	by the USPTO to process), gathering, preparing, and the you require to complete the trunent of Commerce, P.O. or Patents, P.O. Box 1450,								

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DEPT. ICC		ART UNIT	PAPER NUMBER	
UNITED PLAZA,	SUITE 1600	2618		
30 SOUTH 17TH S	STREET			
PHILADELPHIA.	PA 19103	DATE MAILED: 07/23/2009		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 791 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 791 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)					
	10/707,744	SUGAR ET AL.					
Notice of Allowability	Examiner	Art Unit					
	Quochien B. Vuong	2618					
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this a or other appropriate communication GHTS. This application is subject	pplication. If not included on will be mailed in due course. THIS					
1. This communication is responsive to RCE filed 05/06/2009	ļ.						
2. The allowed claim(s) is/are 30-55 which have been renum	bered to 1-26.						
 Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 	nder 35 U.S.C. § 119(a)-(d) or (f).						
 Certified copies of the priority documents have 	been received.						
2. Certified copies of the priority documents have	been received in Application No.	·					
3. Copies of the certified copies of the priority do	cuments have been received in this	s national stage application from the					
International Bureau (PCT Rule 17.2(a)).							
* Certified copies not received:							
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		y complying with the requirements					
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give							
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.						
(a) ☐ including changes required by the Notice of Draftspers		D-948) attached					
1) hereto or 2) to Paper No./Mail Date	•	,					
(b) ☐ including changes required by the attached Examiner's		Office action of					
Paper No./Mail Date							
Identifying indicia such as the application number (see 37 CFR 1	Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).						
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.							
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal	Patent Application					
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summar						
2. In Notice of Dialiperson's Latent Diawing Neview (FTO-346)	Paper No./Mail D	ate .					
3. Information Disclosure Statements (PTO/SB/08),	7. Examiner's Amend	dment/Comment					
Paper No./Mail Date 4.	8. Examiner's Staten	nent of Reasons for Allowance					
	9.						
/Quochien B Vuong/							
Primary Examiner, Art Unit 2618							